

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

GILL

Examiner:

Unassigned

Serial No.:

10/674,725

Group Art Unit:

Unassigned

Filed:

September 30, 2003

Docket No.:

HSJ920030082US1

(HITG.032PA)

Title:

METHOD AND APPARATUS FOR PROVIDING A BALLISTIC

MAGNETORESISTIVE SENSOR IN A CURRENT PERPENDICULAR-

IN-PLANE MODE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 17, 2003.

By: Kathleen McDevitt
Kathleen McDevitt

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect

particular relevance, or lack thereof, to the present application, nor were they necessarily made by

anyone affiliated with the prosecution of the present application.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C.

§§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a

reference has been thoroughly reviewed or that any relevance of any portion of a reference is

intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of

M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked

as being considered and initialed by the Examiner, to the undersigned with the next official

communication.

Respectfully submitted,

Crawford Maunu PLLC

1270 Northland Drive

Suite 390

St. Paul, MN 55120

651/686-6633

Dated: October ______, 2003

Ву: _

David W. Lynch

Reg. No. 36,204

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Date Mailed: Octob	per <u>17</u> , 2003					Sheet 1 of 1		
FORM 1449*	INFORMATION DISCLOS	ıT			Application Number: 10/674,725			
IN AN APPLICATION (the several sheets if necessary)				Applicant: GILL				
				Filing Date: 09/30/2003		Group Art Unit: Unassigned		
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	DOCUMENT NO		U.S. PATENT DOCUM	IENTS				
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May 2002	Edward Price, "Magnetoresistance in Ballistic Transport Devices," CMRR & UCSD Physics, May 22, 2002.					

EXAM	INE	₹
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DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.